RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10	1528	2	60B	' 	
Source:	7	, , , , , , , , , , , , , , , , , , ,	IF	WO		
Date Processed by STIC:			9	1/25	106	

ENTERED



IFWO

RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/528,260B**DATE: 09/25/2006

TIME: 15:10:49

Input Set : N:\AMC\Sequence Listing, P1983R1.txt

Output Set: N:\CRF4\09252006\J528260B.raw

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3 <110> APPLICANT: Chiu, Henry
        Clark, Hilary
 4
 5
        Dennis, Kathryn
        Fong, Sherman
 6
 7
        Schoenfeld, Jill R.
        Wood, William I.
 8
 9
        Wu, Thomas D.
11 <120> TITLE OF INVENTION: Compositions And Methods For Treating Immune Disorders
13 <130> FILE REFERENCE: P1983R1
15 <140> CURRENT APPLICATION NUMBER: US 10/528,260B
16 <141> CURRENT FILING DATE: 2005-03-16
                                                        P.6
18 <150> PRIOR APPLICATION NUMBER: US 60/411,392
19 <151> PRIOR FILING DATE: 2002-09-16
21 <150> PRIOR APPLICATION NUMBER: PCT/US03/029097
22 <151> PRIOR FILING DATE: 2003-09-15
24 <160> NUMBER OF SEQ ID NOS: 506
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 972
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
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  ccaggatage tttatgaatt getetgacag cateateaat ggtteettte 150
   gtgcgcttgg ctttattcat gaggctcagg tcggggaaag actgatggtc 200
40 cactgtqaca qcaaqacaqq taatqcaaat acqqatttca tctqqgtggg 250
42 tecagataac agactgetag ageeggataa agagatggaa aacttttaeg 300
   tgtttcacaa tggaagtctg gttatagaaa gccctcgttt tgaggatgct 350
    ggagtgtatt cttgtatcgc aatgaataag caacgcctgt taaatgaaac 400
   tgtggacgtc acaataaatg tgagcaattt cactgtaagc agatcccatg 450
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   catcgattct cagtcctggc cccgctagtg atgcctccgc tgatgaacgg 650
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64 gtcaattcag tgttttctga cacacctttt gtggcgtcca cttaatttgt 850
   gcctatattt gtatgatgtc ataatttaat ctgttcatat ttaactttgt 900
66
70 aaaaaaaaa aaaaaaaaa aa 972
72 <210> SEQ ID NO: 2
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73 <211> LENGTH: 4573

RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/528,260B**DATE: 09/25/2006

TIME: 15:10:49

Input Set : N:\AMC\Sequence Listing, P1983R1.txt

Output Set: N:\CRF4\09252006\J528260B.raw

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74 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 09/25/2006 PATENT APPLICATION: US/10/528,260B TIME: 15:10:49

Input Set : N:\AMC\Sequence Listing, P1983R1.txt
Output Set: N:\CRF4\09252006\J528260B.raw

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     tgtgattttg acctcctctt ccccactgcc atcttctaag agactttgta 2450
174
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     getgeeteet agaageaeat tetgageaea tttgagaeet etgtgttaga 2500
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210
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250
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262 <210> SEQ ID NO: 3
263 <211> LENGTH: 531
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264 <212> TYPE: PRT

RAW SEQUENCE LISTING DATE: 09/25/2006
PATENT APPLICATION: US/10/528,260B TIME: 15:10:49

Input Set : N:\AMC\Sequence Listing, P1983R1.txt
Output Set: N:\CRF4\09252006\J528260B.raw

265 <213> ORGANISM: Homo sapiens 267 <400> SEQUENCE: 3 Arg Val Tyr Ala Asp Ala Pro Ala Lys Leu Leu Pro Pro Pro Ala Ala Trp Asp Leu Ala Val Arg Leu Arg Gly Ala Glu Ala Ala Ser Glu Arg Gln Val Tyr Ser Val Thr Met Lys Leu Leu Leu His Pro Ala Phe Gln Ser Cys Leu Leu Thr Leu Leu Gly Leu Trp Arg Thr Thr Pro Glu Ala His Ala Ser Ser Leu Gly Ala Pro Ala Ile Ser Ala Ala Ser Phe Leu Gln Asp Leu Ile His Arg Tyr Gly Glu Gly Asp Ser Leu Thr Leu Gln Gln Leu Lys Ala Leu Leu Asn His Leu Asp Val Gly Val Gly Arg Gly Asn Val Thr Gln His Val Gln Gly His Arg Asn Leu Ser Thr Cys Phe Ser Ser Gly Asp Leu Phe Thr Ala His Asn Phe Ser Glu Gln Ser Arq Ile Gly Ser Ser Glu Leu Gln Glu Phe Cys Pro Thr Ile Leu Gln Gln Leu Asp Ser Arg Ala Cys Thr Ser Glu Asn Glu Glu Asn Glu Glu Asn Glu Gln Thr Glu Glu Gly Arg Pro Ser Ala Val Glu Val Trp Gly Tyr Gly Leu Leu Cys Val Thr Val Ile Ser Leu Cys Ser Leu Leu Gly Ala Ser Val Val Pro Phe Met Lys Lys Thr Phe Tyr Lys Arg Leu Leu Leu Tyr Phe Ile Ala Leu Ala Ile Gly Thr Leu Tyr Ser Asn Ala Leu Phe Gln Leu Ile Pro Glu Ala Phe Gly Phe Asn Pro Leu Glu Asp Tyr Tyr Val Ser Lys Ser Ala Val Val Phe Gly Gly Phe Tyr Leu Phe Phe Phe Thr Glu Lys Ile Leu Lys Ile Leu Lys Gln Lys Asn Glu His His His Gly His Ser His Tyr Ala Ser Glu Ser Leu Pro Ser Lys Lys Asp Gln Glu Glu Gly Val Met Glu Lys Leu Gln Asn Gly Asp Leu Asp His Met Ile Pro Gln His Cys Ser Ser Glu Leu Asp Gly Lys Ala Pro Met Val Asp Glu Lys Val Ile Val Gly Ser Leu Ser Val Gln Asp Leu Gln Ala Ser Gln Ser Ala

RAW SEQUENCE LISTING DATE: 09/25/2006 PATENT APPLICATION: US/10/528,260B TIME: 15:10:49

Input Set : N:\AMC\Sequence Listing, P1983R1.txt
Output Set: N:\CRF4\09252006\J528260B.raw

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                                          355
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341
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                                          370
343
     Ala Trp Met Ile Thr Leu Ser Asp Gly Leu His Asn Phe Ile Asp
344
                     380
                                          385
346
     Gly Leu Ala Ile Gly Ala Ser Phe Thr Val Ser Val Phe Gln Gly
347
                     395
                                          400
                                                               405
349
     Ile Ser Thr Ser Val Ala Ile Leu Cys Glu Glu Phe Pro His Glu
350
                     410
                                          415
352
     Leu Gly Asp Phe Val Ile Leu Leu Asn Ala Gly Met Ser Ile Gln
353
                                                               435
355
     Gln Ala Leu Phe Phe Asn Phe Leu Ser Ala Cys Cys Cys Tyr Leu
356
                     440
                                          445
358
     Gly Leu Ala Phe Gly Ile Leu Ala Gly Ser His Phe Ser Ala Asn
359
                     455
                                          460
361
     Trp Ile Phe Ala Leu Ala Gly Gly Met Phe Leu Tyr Ile Ser Leu
                                          475
362
                     470
364
     Ala Asp Met Phe Pro Glu Met Asn Glu Val Cys Gln Glu Asp Glu
365
                     485
                                          490
367
     Arg Lys Gly Ser Ile Leu Ile Pro Phe Ile Ile Gln Asn Leu Gly
368
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                                          505
                                                               510
370
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371
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376 <210> SEQ ID NO: 4
377 <211> LENGTH: 2181
378 <212> TYPE: DNA
379 <213> ORGANISM: Homo sapiens
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390
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/25/2006
PATENT APPLICATION: US/10/528,260B TIME: 15:10:50

Input Set : N:\AMC\Sequence Listing, P1983R1.txt

Output Set: N:\CRF4\09252006\J528260B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:199; Xaa Pos. 17
Seq#:212; N Pos. 1358
Seq#:224; N Pos. 149,164
Seq#:234; N Pos. 422,847,856,872
Seq#:273; N Pos. 2530
Seq#:313; N Pos. 2741
Seq#:314; Xaa Pos. 910
Seq#:322; N Pos. 124
Seq#:383; Xaa Pos. 327
Seq#:400; N Pos. 37
Seq#:401; N Pos. 779
Seq#:406; N Pos. 20,42,49,791,822,837
Seq#:409; N Pos. 475,489
Seq\#: 469; \ N \ Pos. \ 1973, 1984, 2116, 2119, 2120, 2121, 2134, 2160, 2180, 3170, 3172
Seq#:469; N Pos. 3198,3209,3210,3211
Seq#:471; N Pos. 38,64
Seq#:472; Xaa Pos. 13,22
```

VERIFICATION SUMMARYDATE: 09/25/2006PATENT APPLICATION: US/10/528,260BTIME: 15:10:50

Input Set: N:\AMC\Sequence Listing, P1983R1.txt
Output Set: N:\CRF4\09252006\J528260B.raw

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L:20650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199 after pos.:15
L:22238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:1350
L:23594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:224 after pos.:100
M:341 Repeated in SeqNo=224
L:24174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:400
M:341 Repeated in SeqNo=234
L:27777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:2500
L:33358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313 after pos.:2700
L:33579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:314 after pos.:900
L:34733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322 after pos.:100
L:40726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:315
L:42335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:400 after pos.:0
L:42402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401 after pos.:750
L:42816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406 after pos.:0
M:341 Repeated in SeqNo=406
L:42959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409 after pos.:450
L:50421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469 after pos.:1950
M:341 Repeated in SeqNo=469
L:50750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:471 after pos.:0
M:341 Repeated in SeqNo=471
L:51057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:472 after pos.:0
M:341 Repeated in SeqNo=472
```